

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A relay for use in telecommunications equipment, said relay comprising:

a receiver adapted to receive an information stream consisting of information cells, some of which can be empty,

a mixer adapted to detect the empty information cells and replace them with waiting cells, and

a transmitter adapted to transmit the information cells to a receiver outside said telecommunications equipment,

wherein said relay further comprises a stream analyzer for determining if an information stream received by said receiver is a real-time information stream or a differed-time information stream cells in a mass memory and in that said mixer is adapted to choose said waiting cells from among the cells stored in said mass memory.

2. (previously presented): A relay according to claim 1, further comprising a deleter for deleting an information cell stored in said mass memory when it has been sent by said transmitter to said receiver.

3. (previously presented): A relay according to claim 1, wherein said mixer is adapted to choose said waiting cells as a function of time scheduling rules.

4. (original) A method comprising the steps of:
receiving an information stream made up of information cells, some of which can be empty,
detecting empty information cells,
replacing said empty information cells with waiting cells, and
transmitting information cells,
which method is characterized in that it further comprises the steps of:
determining if an information stream is a real-time information stream or a differed-time information stream, and
storing differed-time information stream cells, and in that said waiting cells are chosen form among the stored information cells.
5. (previously presented): A method according to claim 4, further comprising a step of deleting a stored information cell when it has been sent.
6. (previously presented): A method according to claim 4, wherein in said waiting cells are chosen as function of time scheduling rules.
7. (new) The relay according to claim 1, wherein said telecommunications equipment comprises a satellite.
8. (new) The relay according to claim 1, wherein said empty information cells are related to a difference between a needed bit rate and a reserved bandwidth.

9. (new) The method according to claim 4, wherein said empty information cells are related to a difference between a needed bit rate and a reserved bandwidth.